MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

June 1947

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

JUNE 1947

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Degrees Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	59.8	56.9	56.8	57.8	30.1	20.2	26.1	28.5	23.3	26.0
2	8.0	7.8	8.3	8.0	29.5	20.1	25.5	26.7	22.2	24.8
3	8.7	8.4	60.2	9.1	29.2	20.4	24.6	27.6	21.7	24.6
4	9.2	9.5	0.2	9.6	29.7	19.6	25.0	28.3	22.2	25.2
5	60.0	60.6	0.7	60.4	29.6	20.7	25.5	28.4	23.0	25.6
6	60.4	60.0	60.3	60.2	30.4	21.3	24.4	25.4	23.6	24.5
7	59.7	59.3	59.3	0.4	30.6	21.8	26.5	28.3	23.3	26.0
8	9.2	9.2	8.8	59.1	30.8	21.4	26.1	29.4	23.8	26.4
9	8.1	7.4	7.0	7.5	31.2	23.0	27.2	29.5	24.0	26.9
10	8.6	6.3	6.8	7.2	30.6	21.0	27.4	29.4	23.4	26.7
11	57.1	60.0	57.8	58.3	30.6	21.0	27.1	29.9	23.6	26.9
12	8.5	58.8	9.3	8.9	30.0	21.9	26.7	28.9	23.8	26.5
13	9.7	9.3	9.6	9.5	30.6	21.7	26.7	23.8	23.5	24.7
14	9.1	9.0	9.1	9.1	30.6	21.6	26.6	29.4	23.8	26.6
15	8.7	8.1	8.1	8.3	30.7	22.2	27.2	29.3	23.6	26.7
16	57.2	56.4	56.4	56.7	31.1	21.7	27.7	30.0	24.4	27.4
17	5.4	5.1	5.8	5.4	32.2	22.4	27.8	30.5	24.4	27.6
18	6.6	7.2	7.7	7.2	31.7	21.8	27.9	30.5	23.8	27.4
19	7.6	7.0	6.9	7.2	31.7	21.4	27.7	29.4	24.4	27.2
20	6.4	6.6	7.2	6.7	31.7	21.6	27.3	29.4	24.7	27.1
21	57.1	56.8	57.6	57.2	31.4	22.8	27.8	27.8	24.4	26.7
22	8.1	8.0	8.8	8.3	31.6	22.0	27.8	29.4	23.6	26.9
23	9.1	9.1	9.2	9.1	30.0	22.2	26.6	28.8	24.3	26.6
24	8.7	8.0	7.7	8.1	31.7	24.0	27.9	30.1	24.8	27.6
25	7.5	5.9	5.7	6.7	23.9	23.8	28.3	31.6	26.0	28.6
26	55.6	58.2	54.9	56.2	33.9	23.9	28.3	32.1	25.7	28.7
27	5.2	4.8	5.9	5.3	33.8	23.8	29.3	31.7	25.6	28.9
28	7.5	5.9	7.2	6.9	34.2	24.0	30.1	31.7	26.9	29.6
29	7.2	7.1	7.5	7.3	31.7	23.3	28.9	30.5	25.5	28.3
30	4.8	3.4	1.4	3.2	32.2	23.6	29.4	30.6	25.6	28.5
	57.96	57.67	57.74	57.79	30.90	22.01	27.18	29.23	24.09	26.84

Barometer, range for month 760.7 — 751.4 mm.
„ 71-yr. average for month 757.92 mm.
Thermometer, range for month 34.2° — 19.6°C
„ 71-yr. average for month 25.62 °C.
Rain, total for month 2.79 m.m.
„ 71-yr. average for month 3.26 m.m.
„ Total, Sept. 1st. to end of month 834.39 mm.
„ 71-yr. average, Sept. 1st. to end of month 891.41 mm.

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor mm.				Relative Humidity per cent.				Sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	17.8	19.1	16.8	17.9	71	66	79	72	12.6	443.0	
2	17.4	17.3	16.7	17.1	71	67	84	74	12.8	269.0	
3	16.9	18.6	16.1	17.2	74	68	83	75	12.8	144.0	
4	16.7	19.0	16.5	17.4	71	66	84	74	12.6	304.0	
5	18.3	20.4	18.2	19.0	75	71	88	78	11.0	290.0	2.79
6	19.1	20.5	19.7	19.8	84	84	90	86	4.6	280.0	
7	18.4	22.7	19.5	20.2	77	80	91	83	12.0	233.0	
8	20.1	22.4	20.6	21.0	80	73	94	82	11.9	383.0	
9	20.8	23.3	20.7	21.6	78	76	93	82	12.6	317.0	
10	20.1	20.9	17.9	19.6	75	68	84	76	12.0	510.0	
11	17.0	19.6	16.8	17.8	64	61	78	68	10.1	333.0	
12	17.2	18.9	18.3	18.1	66	64	81	70	11.9	178.0	
13	19.5	21.0	19.7	20.1	75	68	91	78	12.8	282.0	
14	20.7	21.8	19.6	20.7	80	71	89	80	12.6	309.0	
15	20.3	20.9	18.7	20.0	77	69	86	77	12.0	470.0	
16	20.6	23.8	19.8	21.4	74	75	87	79	12.6	605.0	
17	21.5	22.9	16.8	20.4	78	70	74	74	12.9	441.0	
18	20.9	22.5	19.9	21.1	75	69	91	78	12.8	364.0	
19	20.7	20.3	19.1	20.0	74	74	84	77	12.0	344.0	
20	18.6	18.6	18.1	18.4	70	62	82	71	12.8	314.0	
21	18.7	19.9	18.0	18.4	68	72	80	73	12.6	370.0	
22	18.0	18.2	15.1	17.1	65	60	70	65	13.0	303.0	
23	15.3	17.0	17.2	16.8	59	58	76	64	12.9	291.0	
24	17.8	18.1	17.9	17.9	63	57	77	66	12.9	280.0	
25	18.7	19.6	20.0	19.4	65	57	80	67	13.0	262.0	
26	20.0	21.2	20.4	20.9	70	60	83	71	12.8	291.0	
27	19.8	20.7	20.4	20.3	66	59	84	70	13.2	127.0	
28	21.8	18.2	20.5	20.2	69	52	79	67	13.2	135.0	
29	20.0	18.2	17.0	18.4	68	56	70	65	13.1	431.0	
30	15.6	16.9	16.3	16.3	51	51	67	56	13.1	399.0	
	18.94	20.08	18.41	19.16	71.1	66.1	82.6	73.3	12.24	324.90	0.093

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.55 m.; above sea level 30.31 m.
Time of reading minus 2 hours equals G.C.T.
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	1cu	2cu	7cu	3.3	2sw	2sw	0	light	
2	1cu	1cu	0	0.7	2sw	1sw	1nw	„	
3	0	0	0	0.0	1nw	1nw	0	„	
4	0	0	3cu	1.0	1sw	2sw	1ne	„	
5	5cu-ci	0	0	1.7	1sw	2sw	1sw	„	
6	7cu	9cu-ni	0	5.3	2sw	1sw	1sw	light	Traces a.m.
7	1ci	3ci	0	1.3	1sw	1sw	1sw	„	
8	4ci	0	2ci	2.0	1sw	1sw	1sw	„	
9	0	0	10cu	3.3	1sw	1sw	0	„	
10	0	0	0	0.0	2sw	1sw	0	calm	
11	0	5ci	6cu	3.7	1sw	2sw	0	light	
12	0	0	8cu	2.7	1sw	1nw	0	„	
13	0	0	0	0.0	1sw	1nw	0	„	
14	1ci	0	0	0.3	1sw	1sw	1sw	„	
15	1ci	0	0	0.3	2sw	1sw	0	„	
16	0	0	0	0.0	2sw	2sw	1sw	slight	
17	0	0	0	0.0	1sw	1sw	1sw	light	
18	0	0	0	0.3	1sw	1sw	1sw	„	
19	0	2ci	0	0.7	1sw	1sw	0	„	
20	1ci	0	0	0.3	1sw	1sw	0	„	
21	0	2cu	0	0.7	2sw	1sw	0	light	
22	0	0	0	0.0	1w	1w	0	„	
23	0	0	8cu-ci	3.7	1nw	1nw	1nw	calm	
24	0	0	0	0.0	1nw	2nw	0	light	
25	2ci	0	0	0.7	1nw	1ne	1ne	„	
26	0	0	0	0.0	1nw	1ne	1ne	light	
27	0	0	0	0.0	1sw	1nw	0	„	
28	0	0	0	0.0	1nw	0	0	calm	
29	1cu	5ci	4ci	3.3	1sw	1nw	1sw	light	
30	0	5ci	0	1.7	1sw	1sw	1sw	light	
31									
				1.23					

* Abbreviations :— G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	0	0	0	0	23	1	6	0	30
14:30	0	2	0	0	0	18	2	7	1	30
20:30	0	3	0	0	0	10	0	2	15	30
Mean	0	5	0	0	0	51	3	15	16	90

Number of days with rain 1, fog 0, thunderstorms 0, gale 0.

71 yr. av. number of days with rain during month 0.79